BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: *Estimate for Construction of Drain and Providing Covering slab in Saptagiri layout ward No. 09 of Vidyaranyapura Sub Division.*

Estimated Cost: Rs. 15.00 Lakhs

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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Construction of Drain and Providing Covering slab in Saptagiri layout ward No. 09 of Vidyaranyapura Sub Division.**

Estimate Cost: 1500000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
			1	105.00	1.50	1.20	189.00		
			1	50.00	1.05	0.60	31.50		
							220.50	90.72	**20004.00**
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	**90.72**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 /Item No. 4.3 PWD SR - 2013-14**	Cum							
	For CC Drain		1	105.00	1.50	0.15	23.63		
							23.63	4290.84	**101371.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.17 / Item No. 4.31 PWD SR - 2013-14**	Sqm							
	For RCC Drain		4	105.00		1.00	420.00		
	Bottom		1	105.00	1.05		110.25		

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	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	50.00	1.05		52.50		
	Sides		2	105.00		0.20	42.00		
			2	50.00		0.20	20.00		
							644.75	271.08	**174779.00**
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	**271.08**							
	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 **Page No. 13 / Item No. 4.11 PWD SR - 2013-14**	Cum							
	Bottom		1	105.00	1.35	0.15	21.26		
	Side Walls		2	105.00	0.15	1.00	31.50		
	Covering Slab		1	105.00	1.35	0.20	28.35		
	Existing Drain Covering Slab		1	50.00	1.35	0.20	13.50		
							94.61	5639.76	**533592.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
5	KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2 PWD SR 2013-14 TMT bar Fe 500**	Qntl							
			0.70	94.61			66.23		
							66.23	7450.92	**493465.00**
	Basic Rate	6899.00							
	Area Weightage 8%	551.92							
	Total	**7450.92**							

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Description	Unit	No.	L	B	D	Qty	Rate	Amount
rd for Disposal of Debris shall be payable at ge rates by Mechanical means inlcuding ding and unloading. From 0.00 to 2.00 Km (ge No.123)	Cum					220.50		16032.00
		Vide Item No. 1				246.40	72.71	17915.00
verage weight of earth 1.28 tonne / kg for X1.28X2.00=5.12	5.12							
d loading and unloading Vide item no.17.1 no.141	62.20							
	67.32							
Area Weightage @ 8%	5.39							
Total	72.71							
ub Total								1335827.00
RIDL Service Charges and Applicable Charges @ 11%								146941.00
C Charges @ 1%								13358.00
liscellaneous and other Charges	L/S							3874.00
							Total	1500000.00

(Rs. ~~Thirty Five Lakhs Only~~ Fifteen lakhs only)

TIFICATE:

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per P.W.D S.R of 2013-14.
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

~~Assistant Engineer~~

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

NISTRATIVELY SANCTIONED FOR Rs 15.00 lacs
ees Fifteen Lakhs only
1771
ed as EE ( ) No. 3 ...9....
ect to conditions contained in
sed memo EE ( ) No. ...9/....
Rs. ...tioned
el Cmr (Yz) AS/ 927/13-14
26/2/2014 Rs. 15.00 lacs

~~Addl~~ Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction for Rs. Fifteen Lakhs only

EE/BTP/355/13-14, 03/03/2014

Registered as EE No:.....Dated.....
to conditions contained enclosed memo.
No: 355/13-14, 03/03/2014

AE/JE

EE (BTP.Div.)

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BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivaspura Dumping Yard for Ward No. 09,
Vidyaranyapura Sub Division.

Lead Distance

1.	From BBMP Sub Division office to Devi Circle	1.50 Kms
2.	From Devi Circle to Thirumala Daba	2.00 Kms
3.	From Thirumala Daba to 3rd Cross SBI Bank	2.00 Kms
4.	From 3rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5.	From Shesadripuram College to Police Station	0.80 Kms
6.	From Police Station to Kogilu Cross	0.60 Kms
7.	From Kogilu Cross to Srinivasapura	4.00 Kms
8.	From Srinivasapura to Dumping Yard	0.50 Kms
	Total	**11.90 Kms**

Certificate:

1. Certified that the Srinivasapura Dumping Yard us the approved dumping yard for ward no. 09 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 09.
3. The above distance is the shortest distance for calculating the lead.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division

Executive Engineer
Byatarayanapura Division

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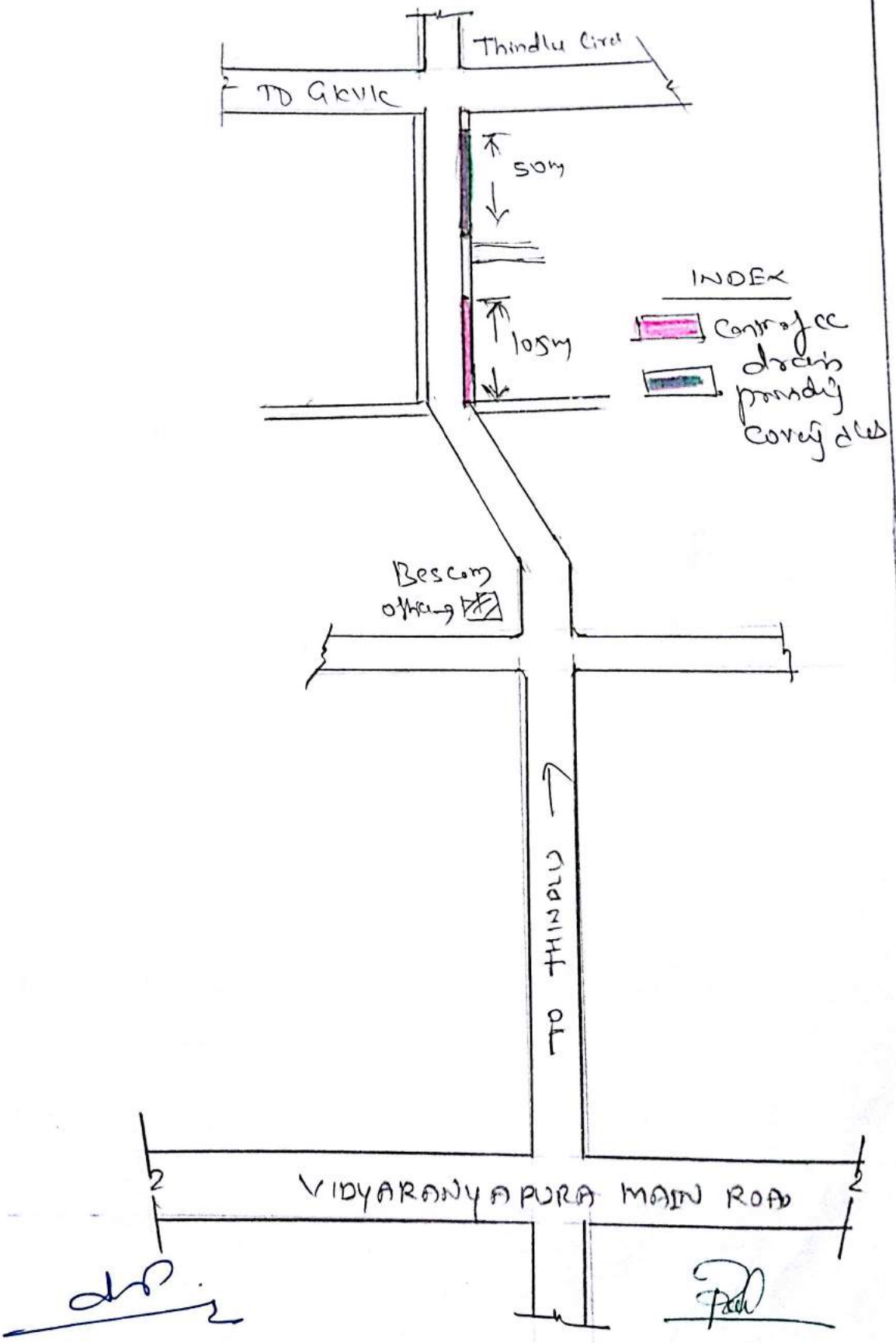
Name of Works: Construction of concrete drain and providing covering slab in Gopathigiri layout in Wadarahalli



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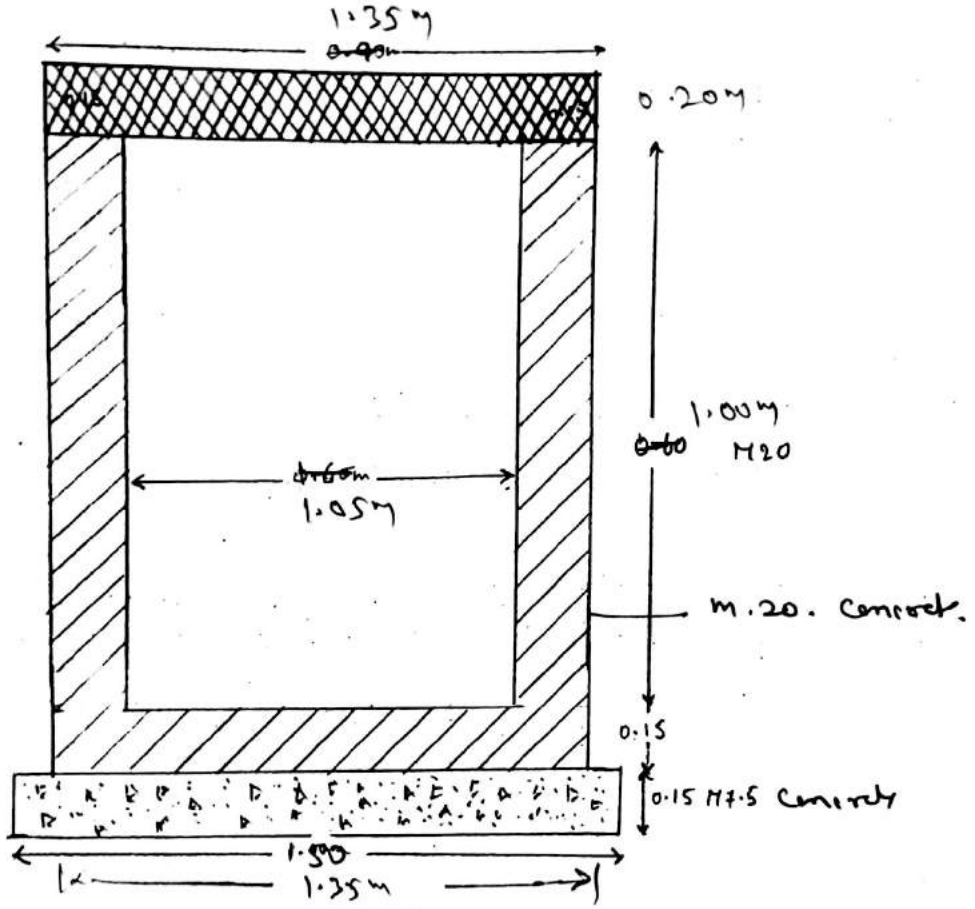
Name of Work : Constn of drain and providing cover slab in Saptagiri layout Ward No. 09



CROSS SECTION OF CC DRAIN

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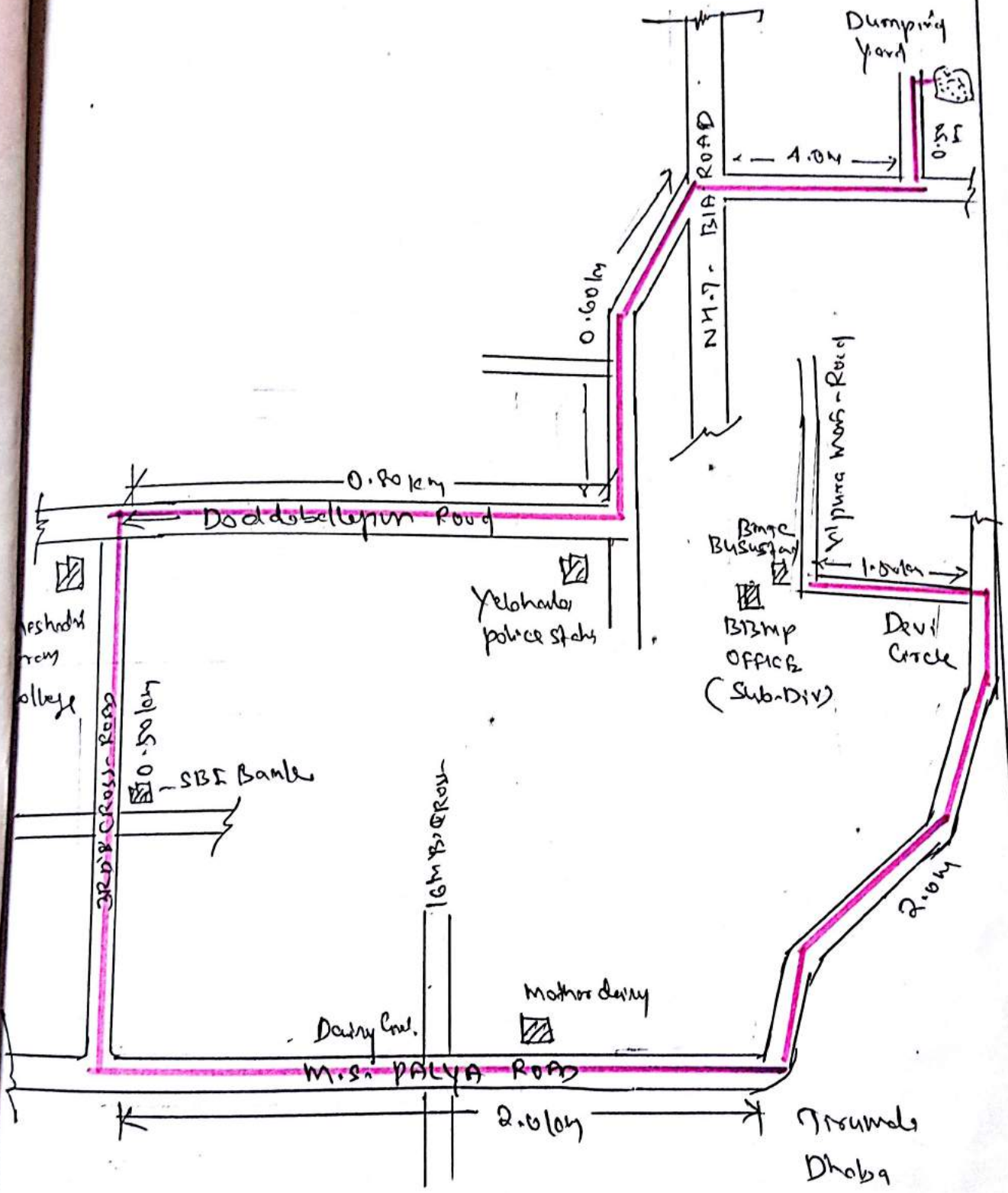
LEAD CHART FOR DUMPING YARD FOR WARD NO 09



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WARD NAME : 9 - VIDYARANYAPURA

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